

AMENDMENT TO CLAIMS

In the Claims

Please **CANCEL** claims 1-8, 15-30, and 35-39 without prejudice or disclaimer.

Please **AMEND** claims 31 and 32 as follows.

Please **ADD** new claims 40 and 41.

A copy of all pending claims and a status of the claims are provided below.

1. - 8. (Cancelled)

9. (Original) A substrate having a non-continuous photo-resist coating layer, an insulating layer and a pixel defining layer formed on at least one surface of a supporting substrate, wherein the non-continuous photo-resist coating layer, insulating layer and pixel defining layer comprises a plurality of continuous portions, and the plurality of continuous portions comprise:
at least one high surface energy area; and
at least one low surface energy area, wherein at least one of a second photo-resist coating layer and a mask is used to at least temporarily overlap the continuous portion corresponding to the at least one high surface energy area in order to form the at least one low surface energy area.

10. (Original) The substrate of claim 9, wherein the high surface energy areas have a surface energy of about 60 – 70 dyne/cm and the low surface energy areas have a surface energy of about 20 – 35 dyne/cm.

11. (Original) The substrate of claim 9, wherein the supporting substrate is rigid.

12. (Original) The substrate of claim 9, wherein the supporting substrate is flexible.

13. (Original) The substrate of claim 9, wherein the supporting substrate is made of at least one of glass, plastic and silicon.

14. (Original) The substrate of claim 9, wherein the non-continuous photo-resist coating material is at least one of a Novolak based photo-resist, acrylic lacquer, epoxy lacquer and polyimide lacquer.

15. - 30. (Cancelled)

31. (Currently Amended) An organic electroluminescence device, comprising:

a pixel ~~define~~ defining layer (PDL) ~~defines at least one area of the organic electroluminescence device with a high surface energy and at least one area of the organic electroluminescence device with a low surface energy~~ patterned to expose an active pixel surface portion of a substrate on which the PDL is formed,

wherein the PDL includes a high surface energy area and a low surface energy area, the high surface energy area being disposed between the active pixel surface portion and the low surface energy area to prevent a decay of a coating thickness in a boundary zone of the active pixel surface portion.

32. (Currently Amended) The organic electroluminescence device according to claim 31, wherein a surface energy of ~~an area of the organic electroluminescence device where the PDL is not formed~~ the active pixel surface portion is either high or low.

33. (Original) The organic electroluminescence device according to claim 31, wherein at least one layer is provided on the PDL, and a surface of the layer includes at least one area with a high surface energy and at least one area with a low surface energy.

34. (Original) The organic electroluminescence device according to claim 31, wherein the PDL is a photo-resist coating layer.

35. - 39. (Cancelled)

40. (New) The organic electroluminescence device according to claim 31, further comprising:

a homogeneous pattern of polymer film formed over the active pixel surface portion and the high surface energy portions of the PDL.

41. (New) The organic electroluminescence device according to claim 40, wherein the polymer film comprises a light-emitting semi-conducting polymer (LEP).